

2073US seq.ST25.txt
SEQUENCE LISTING

<110> Zayed, Adel
Ascenzi, Robert
Boyes, Douglas
Mulpuri, Rao
Hoffman, Neil
Davis, Keith
Gorlach, Jorn
Woessner, Jeffrey
Hamilton, Carol
Phillips, Kenneth

<120> Methods for the Identification of Inhibitors of Pectin Esterase Expression or Activity in Plants

<130> 2073US

<160> 2

<170> PatentIn version 3.0

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<212> DNA

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<213> Arabidopsis thaliana

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<221> misc_feature

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<213> *Arabidopsis thaliana*

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Gly Asn Gly Thr Gly Asp Val Gly Ser Asp Thr Arg Thr Trp Leu Ser
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Ala Ala Leu Ser Asn Gln Ala Thr Cys Met Glu Gly Phe Asp Gly Thr
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Ser Gly Leu Val Lys Ser Leu Val Ala Gly Ser Leu Asp Gln Leu Tyr
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Pro Asp Trp Val Arg Pro Asp Asp Arg Lys Leu Leu Glu Ser Asn Gly
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Arg Thr Tyr Asp Val Ser Val Ala Leu Asp Gly Thr Gly Asn Phe Thr
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Lys Ile Met Asp Ala Ile Lys Lys Ala Pro Asp Tyr Ser Ser Thr Arg
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Phe Val Ile Tyr Ile Lys Lys Gly Leu Tyr Leu Glu Asn Val Glu Ile
195 200 205

Lys Lys Lys Trp Asn Ile Val Met Leu Gly Asp Gly Ile Asp Val
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Thr Val Ile Ser Gly Asn Arg Ser Phe Ile Asp Gly Trp Thr Thr Phe
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325 330 335

Gln Lys Asn Thr Ile Thr Ala Gln Gly Arg Lys Asp Val Asn Gln Pro
340 345 350

Ser Gly Phe Ser Ile Gln Phe Ser Asn Ile Ser Ala Asp Ala Asp Leu
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Val Pro Tyr Leu Asn Thr Thr Arg Thr Tyr Leu Gly Arg Pro Trp Lys
370 375 380

Leu Tyr Ser Arg Thr Val Phe Ile Arg Asn Asn Met Ser Asp Val Val
385 390 395 400

Arg Pro Glu Gly Trp Leu Glu Trp Asn Ala Asp Phe Ala Leu Asp Thr
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Leu Phe Tyr Gly Glu Phe Met Asn Tyr Gly Pro Gly Ser Gly Leu Ser
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Ser Arg Val Lys Trp Pro Gly Tyr His Val Phe Asn Asn Ser Asp Gln
435 440 445

Ala Asn Asn Phe Thr Val Ser Gln Phe Ile Lys Gly Asn Leu Trp Leu
450 455 460

Pro Ser Thr Gly Val Thr Phe Ser Asp Gly Leu Tyr Ile
465 470 475